

## SPECIFICATION

## Sucrose

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
* Particle size (coarser than 1.18mm)	0%
* Particle size (850 $\mu$ m~1.18mm)	max.5%
* Particle size (355 $\mu$ m~850 $\mu$ m)	min.70%
Solubility in water	to pass test
Specific rotation [ $\alpha$ ]D20 (after drying)	+66.3~+66.7°
Loss on drying at 105°C	max.0.1%(mass/mass)
Residue after ignition (as sulfate)	max.0.01%(mass/mass)
Acidity (as CH <sub>3</sub> COOH)	max.0.006%(mass/mass)
Chloride (Cl)	max.5ppm(mass/mass)
Sulfate (SO <sub>4</sub> )	max.0.003%(mass/mass)
Calcium (Ca)	max.0.003%(mass/mass)
Lead (Pb)	max.3ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Invert sugar	max.0.05%(mass/mass)

JIS K 8383:2019(\*:Additional test performed by Wako but not required by JIS)This product is small granules.